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Editors:

K. BOWLER (U.K.) J. E. HEATH (U.S.A.)

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The journal will publish results of work in which the central theme is the mechanisms by which temperature affects living organisms. It will be wide in scope and include studies at the biochemical and physiological level and also at the level of the organism. The following are examples of the subject areas to be covered:

- Studies on the mechanisms involved in acclimation and acclimatization to temperature in plants and animals, including the phenomena of hibernation, dormancy, aestivation and diapause.
- The mechanisms of cellular heat and cold injury, and of the resistance of organisms to extremes of temperature.
- Effects of temperature on growth and development, ageing and life-span.
- Effects of temperature on micro-organisms.
- Behavioural and physiological regulation of body temperature.
- Medical applications of hypo- and hyperthermy, excluding descriptive clinical studies and case-histories.
- Review articles.

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